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CATALOGUE OF ADDITIONS

TO THE

LIBRARY

OF THE

UNITED STATES PATENT OFFICE

From May 1, 1878, to May 1, 1883.

COMPILED BY THE LIBRARIAN UNDER AUTHORITY
OF THE COMMISSIONER OF PATENTS.

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PREFATORY NOTE.

The present volume comprises the additions to the Library of the Patent Office from May 1, 1878, to May 1, 1883, about 12,000 volumes, making the total number of volumes, including pamphlets, 40,000.

Several duplicate sets of foreign patents have been added, especially those of France, Germany, Belgium, and Italy, and English subject-matter indexes to them, have been prepared; and it is hoped that very soon the duplicates will be so perfect that complete files of all foreign patents will remain in the Library aside from those in the examiners' rooms.

A very large increase has been made in the number of periodicals, and especially those devoted to the industrial arts, the list now amounting to over five hundred.

It will be noticed that during the five years since the last Catalogue was issued the Library has nearly doubled in extent, and probably more than that in value; the selections having been made with more care and system and with special reference to the work in the Office. This gratifying result has been made possible by a specific annual appropriation for the purchase of books, contemplated by law in founding the Library, but not fully carried into effect until 1878, when the amount was fixed at $5,000.

The general plan of the former Catalogue has been followed for the sake of uniformity, both in the arrangement and printing, though the proportion of subject-matter entries has been largely increased.

As a repertory of industrial literature and applied science in general, this Library may now, perhaps, compete with any other of its kind, although further improvement is to be expected in the completeness of its collection, and better methods of indexing to make the mass of information gathered, more accessible to the Office and the public.

WESTON FLINT,
Librarian.

LIBRARY UNITED STATES PATENT OFFICE, *June* 30, 1883.

EXPLANATIONS.

The types used are as follows:

Authors, full-face, as: **Aaron,** Charles H.

First-word entry, biography, editors, manufacturers' catalogues, and ordinary references in antique, as: **Accessory** art, etc.; **Panizzi,** Anthony. Life of. *See* **Fagan,** L.; **Fleming,** W. Vocab. philos. Ed. by; **Bradley** and Smith. Trade price-list, etc.

Subjects, antique caps, as: **ACIDS.**

Geographical names and references, Roman small caps, as: ALPS. *See* MISSOURI. Iron ores of.

References to volumes in a set, first word in antique, without the word *See*, as: **Smithsn.** contrib., v. 9.

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—— casualties, etc. *See* **Hints.**

—— Etiology, pathology, and treatment of. *See* **Howe,** J. W.

—— Home nursing, and how to help in cases of. *See* **Benton,** S.

—— in mines. *See* **Bagot,** Alan.

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—— railroad. *See* **Turnbull,** Lawrence, and **McRea,** Wm. C.

—— or poisoning. What to do first. *See* **Dulles,** C. W.

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—— and the arts. The principles of chemistry, Recent discoveries applied to. *See* **Porter**, J. A.

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Chemiker-Zeitung. (Weekly.) 2 Jahrge. *Cöthen*, 1881-'82—.

Chemist. 4 v. *Lond.*, 1854-'57.‖

Chronique industrielle. (Weekly.) 1 Année. *Paris*, 1882—.

Civil engineer and architect's journal. 31 v. *Lond.*, 1837-'67.‖

Civilingenieur. (Monthly.) 28 Bde. *Freiberg*, 1848-'82—.

Coachmakers' illustrated monthly magazine. 3 v. *Columbus*, 1855-'57.‖

Colliery guardian and journal of the coal and iron trades. (Weekly.) 5 v. *Lond.*, 1879-'82—.

Commissioners of patents' journal. (Semiweekly.) 35 v. *Lond.*, 1854-'82—. *See* GREAT BRITAIN. **Great seal patent office.**

Comptes rendus. (Weekly.) 95 T. *Paris*, 1835-82—. *See* PARIS. Académie des sciences.

Contemporary review. (Monthly.) 17 v. *Lond.*, 1872-'82—.

Corn trade journal. (Weekly.) 4 v. *Lond.*, 1878-'81. [Continued as The millers' gazette and Corn trade journal.]

Correspondenzblatt des Natur-Vereins, Riga. (Annual.) 8 Jahrge. *Riga*, 1862-'74. *See* RIGA.

Correspondenzblatt des zoologisch-mineralogischen Vereins. 8 Jhrge. *Regensburg*, 1856-'67. [Incomplete.] *See* REGENSBURG.

Cotton. (Weekly.) v. 3. *N. Y.*, 1881.

Country brewers' gazette. (Semimonthly.) 6 v. *Lond*, 1877-'82—.

Country gentleman. 26 v. *Albany*, 1853-'65. [Continued as Cultivator and country gentleman.]

Cultivator and country gentleman. (Weekly.) 32 v. Cultivator. [25 v. Cultivator and country gentleman.] *Albany*, 1834-'82—.

The 'cyclist. (Weekly.) 1 v. *Lond.*, 1883—.

Daguerreotype. 3 v. *Boston*, 1847-'49.‖

Dental advertiser. (Quarterly.) 6 v. *Buffalo*, 1877-'82—.

Dental cosmos. (Monthly.) 24 v. *Phila.*, 1860-'82—.

PERIODICALS—continued.

Design and work and mechanical world. 1 v. *Manchester, Lond.*, 1881—. [Continued as Mechanical world.]

Deutsch-amerikanische Apotheker-Zeitung. (Semimonthly.) 3 Jahrge. *N. Y.*, 1880-'82—.

Deutsche chemische Gesellschaft. Berichte. [2 v. annually.] 12 Jahrge. *Berlin*, 1868-'82—.

Deutsche entomologische Zeitschrift. (Quarterly.) 21 Bde. *Berlin*, 1861-'81—. [Formerly Berliner entomologische Zeitschrift.]

Deutsche Färber-Zeitung. (Semimonthly.) 5 Bde. *Mühlhausen*, 1879-'82—.

Deutsche Industrie-Zeitung. (Weekly.) 11 Bde. *Chemnitz*, 1866-'76.

Deutsche Revue. (Semimonthly.) *Berlin*, 1877.

Deutsche Schuh-Industrie Zeitung. (Semimonthly.) 2 Jahrge. *Berlin*, 1880-'82—.

Deutsche Wollen-Gewerbe. (Weekly.) 2 Jahrge. *Leipzig*, 1882-'83—. [Continued from Zeitung für Schafzucht, etc.]

Deutsches Baugewerks-Blatt. (Weekly.) 1 Jahrg. *Berlin*, 1882—. [Continued from J. A. Romberg's Zeitschrift für praktische Baukunst.]

Deutsches Maler-Journal. (Monthly.) 5 Bde. *Stuttgart*, 1876-'82—.

Dingler's polytechnisches Journal. (Semimonthly.) 246 Bde. *Augsburg*, 1821-'82—.

Druggists' circular and chemical gazette. (Monthly.) 3 v. *N. Y.*, 1880-'82—.

Dyers and weavers' illustrated supplement to the Industrial record. (Monthly.) 1 v. *N. Y.*, 1883—.

Écho du monde savant. 6 années. *Paris*, 1838-'43.

Edinburgh review. (Quarterly.) American edition. 59 v. *N. Y.*, 1850-'82—.

Edison electric light company. (Monthly.) Bulletin 1-15. *N. Y.*, 1882—.

Education. (Bimonthly.) 2 v. *Boston*, 1880-'82—.

Eisen-Zeitung. (Monthly.) 3 Jahrge. *Berlin*, 1880-'82—.

Electric light. (Monthly.) 1 v. *Rochester*, 1883—.

Electrical magazine. 1 v. *Lond.*, 1845.‖

Electrical review. (Weekly.) 1 v. *N. Y.*, 1883—.

Electrician. 6 v. *Lond.*, 1862-'64.‖

Electrician. (Weekly.) 9 v. *Lond.*, 1879-'82—.

Electrician. (Monthly.) 1 v. *N. Y.*, 1882—.

Electricien (L'). (Monthly.) 4 T. *Paris*, 1881-'82—.

Électricité, (L'). (Weekly.) 3 T. *Paris*, 1880-'82—.

Electrotechnische Zeitschrift. (Monthly.) 3 Jahrge. *Berlin*, 1880-'82—.

Elsner's Chemisch-technische Mittheilungen. (Quarterly.) 36 Jahre. *Berlin*, 1846-'82—.

Encyclopädische Zeitschrift des Gewerbewesens. 6 Jhrge. *Prag*, 1843-'48.‖

Engineer. (Weekly.) 53 v. *Lond.*, 1856-'82—.

Engineering. (Weekly.) 33 v. *Lond.*, 1866-'82—.

Engineering and mining journal. (Weekly.) 33 v. *N. Y.*, 1869-'82—. [Continued from American journal of mining.]

Engineering news. (Weekly.) 7 v. *N. Y.*, 1875-'82—.

PERIODICALS—continued.

English mechanic and world of science. (Weekly.) 19 v. *Lond.*, 1873–'82—.

Entomologische Zeitung. (Annual.) 41 v. *Stettin*, 1840–'81—.

Factory and farm. (Monthly.) 1 v. *Chicago*, 1880.‖

Färberei-Muster-Zeitung. (Weekly.) 2 Jahrge. *Leipzig*, 1881–'82—.

Farmer and gardener. 5 v. *Baltimore*, 1835–'39.‖

Farmer and mechanic. 6 v. *N. Y.*, 1847–'52.‖

Farmers' magazine. (Monthly.) 65 v. *Lond.*, 1848–'80.

Farmers' register. 10 v. *Shellbanks and Petersburg*, 1831–'42.‖

Field and forest. (Monthly.) 3 v. *Washington*, 1876–'78.‖

Fortnightly review. (Monthly.) 32 v. *Lond.*, 1865–'79.

Fortschritte der Physik. (Annual.) 20 Bde. *Berlin*, 1859–'77—. *See* BERLIN.

Frank Leslie's ladies' gazette. 6 v. *N. Y.*, 1854–'56.

Fünfjähriger Bücher-Catalog. 4 Bde. *Leipzig*, 1861–'80—. *See* **Hinrichs.**

Furniture gazette. (Weekly.) 2 v. *Lond.*, 1881–'82—.

Gaceta cientifica de Venezuela. (Semimonthly.) *Caracas*, 1877. [Incomplete.]

Gaceta commercial, fabril y agricola. (Monthly.) *Sevilla*, 1877. [Incomplete.]

Gardener's chronicle and agricultural gazette. (Weekly.) 60 v. *Lond*, 1841–'82—.

Gardeners' monthly and herticulturist. 7 v. *Phila.*, 1876–'82—.

Gazzetta chimica italiana. (Monthly.) 3 T. *Palermo*, 1880–'82—.

Gemeinnützige Wochenschrift. 23 Bde. *Würzburg*, 1851–'75—. *See* WÜRZBURG.

Génie civil. (Semimonthly.) 2 T. *Paris*, 1881–'82—.

Gewerbe-Halle. (Monthly.) 5 Jhrge. *Stuttgart*, 1863–'67.‖

Gewerbeblatt aus Württemberg. (Weekly.) 20 Bde. *Stuttgart*, 1853–'75. *See* STUTTGART. [Incomplete.]

Grain cleaner. (Monthly.) 1 v. *Moline, Ill.*, 1882—.

Guide du carrossier. (Bimonthly.) 1 Année. *Paris*, 1883—.

Hairdresser's chronicle and trade journal. (Semimonthly. 2 v. *Lond.*, 1881–'82—.

Hanuoversches Wochenblatt. (Weekly.) 2 Bde. *Hannover*, 1877–'78—.

Hardwicke's science gossip. (Monthly.) 18 v. *Lond.*, 1865–'82—.

Harness and carriage journal. (Monthly.) 11 v. *N. Y.*, 1874–'83—.

Harper's bazar. (Weekly.) 15 v. *N. Y.*, 1868–'82—.

Hatters' gazette. (Monthly.) 2 v. *Lond.*, 1881–'82—.

Historical magazine. 20 v. *Boston, N. Y.*, 1857–'76.‖

PERIODICALS—continued.

Horelogical journal. (Monthly.) 24 v. *Lond.*, 1859–'82—.

Horticulturist. 27 v. *N. Y.*, 1848–'75. [Continued as Gardener's monthly and horticulturist.]

Hub and New York coachmakers' magazine. (Monthly.) 2 v. *N. Y.*, 1881–'82—.

Humphrey's journal of the daguerreotype. 21 v. *N. Y.*, 1851–69.‖

Hunt's yachting magazine. 1 v. *Lond.*, 1881.

Hydraulic and sanitary plumber. (Semimonthly.) 1 v. *N. Y.*, 1882—.

Illustrated London news. (Monthly.) 77 v. *Lond.*, 1842–'82—.

Illustrated record of British patents. (Quarterly.) *Lond.*, 1881.‖

Illustrated scientific news journal. (Bimonthly.) 2 v. *N. Y.*, 1879–'80.‖

Illustrated wood-worker. (Monthly.) 2 v. *N. Y.*, 1878–'80. [Continued as The builder and wood-worker.]

Illustrirte Monatsschrift der ärztlichen Polytechnik. (Monthly.) 1 Jahrg. *Bern, Leipzig*, 1882—. [Continued from Illustrirte Vierteljahrsschrift, etc.]

Illustrirte Vierteljahrsschrift der ärztlichen Polytechnik. (Monthly.) 4 Jahrge. *Bern, Leipzig*, 1879–'81. [Continued as Illustrirte Monatsschrift, etc.]

Illustrirter Kalender. (Annual.) 23 Jhrge. *Leipzig*, 1858–'80.

Illustrirtes Patent-Blatt. 8 Bde. (Weekly.) *Berlin*, 1878–'82—.

Implement and machinery review. (Monthly.) 2 v. *Lond.*, 1881–'82—.

Index medicus. (Monthly.) 4 v. *N. Y.*, 1879–'82—.

Index to foreign scientific periodicals. 8v. *Lond.*, 1865–'72.‖ *See* GREAT BRITAIN. **Great seal patent office.**

Industrial monthly. v. 1. *N. Y.*, 1880.‖

Industrial news. (Monthly.) 2 v. *N. Y.*, 1881–'82.

Industrie- und Gewerbeblatt. 3 Jhre. *Grätz*, 1856–'58.

Ingenieur Kalender. 6 Jahre. *Essen*, 1871–'76.

Ingénieur (L') universel. The universal engineer. (Weekly.) 4 v. *Manchester*, 1879–'81—. [Continued as The ironmonger's supplement.]

Institution of civil engineers. Minutes of proceedings. 51 v. *Lond.*, 1851–'81—.

Institution of mechanical engineers. Proceedings. (Annual.) 31 v. *Birmingham*, 1851–'82—. *See* BIRMINGHAM.

International review. (Monthly.) 4 v. *N. Y.*, 1881–'82—.

Iron. (Weekly.) 19 v. *Lond.*, 1873–'82—.

Iron and North American manufacturer. (Weekly.) 1 v. *Phila*, 1882—. [Continued from North American manufacturer.]

Ironmonger and metal trades advertiser. (Weekly.) 8 v. *Lond*, 1879–'82—.

Ironmonger supplement. (Monthly.) 3 v. *Lond.*, 1881–'82—. [Continued from L'Ingénieur universel.]

PERIODICALS—continued.

Jahrbuch der Erfindungen. 18 Jhrge. *Leipzig*, 1865–'83—. *See* **Hirzel,** H.

Jahrbuch der geologischen Reichsanstalt. 26 Jhrge. *Wien*, 1850–'76. *See* VIENNA.

Jahrbuch der Maschinen-Technik. 8 Jhrge. *Halle.*, 1873–'80. *See* **Neumann.**

Jahrbuch des naturhistorischen Landesmusenms. 14 Hefte. *Klagenfurt*, 1852–'82—. *See* KLAGENFURT.

Jahrbuch für den Berg- und Hüttenmann. 54 Jhrge. *Freiberg*, 1827–'81—. *See* FREIBERG.

Jahresbericht der Agricultur-Chemie. 27 Jhrge. *Berlin*, 1858–'81—. *See* **Hoffmann.**

Jahresbericht der Naturforscher-Gesellschaft zu Emden. 23 Jhrge. *Emden*, 1851–'81—.

Jahresbericht des Stuttgarter Gewerbe-Vereins. 16 Jhrge. *Stuttgart*, 1863–'78.

Jahresbericht über chemische Technologie. 27 Jhrge. *Leipzig*, 1855–'81—. *See* **Wagner.**

Jahresbericht über die Fortschritte der Chemie. 34 Jhrge. *Giessen*, 1847–'80—. *See* **Liebig.**

Jahresbericht über die Fortschritte im landwirthschaftlichen Maschinenwesen. 5 Bde. *Leipzig*, 1875–'79—. *See* **Wüst.**

Jahresbericht über Zuckerfabrikation. 21 Bde. *Breslau*, 1863–'81—. *See* **Scheibler.**

Jahresberichte für Handels- und Gewerbekammer in Württemberg. 15 Jhrge. *Stuttgart*, 1859–'81—. [Incomplete.]

Journal de l'agriculture, de la ferme, et des maisons de campagne, etc. 9 T. *Paris*, 1878–'82.—

Journal d'agriculture pratique. (Weekly) 57 T. *Paris*, 1837–'78. ‖

Journal d'agriculture progressive. 2 T. *Paris*, 1858.‖

Journal de l'École royale polytechnique. 1 T. *Paris*, 1839. *See* PARIS.

Journal de pharmacie et de chimie. (Monthly.) 77 T. *Paris*, 1842–'82—.

Journal de physique théorique et appliquée. (Monthly.) 2 sér. 1 T. *Paris*, 1882—.

Journal des armes spéciales. 72 T. *Paris*, 1834–'69.

Journal des connaissances usuelles et pratiques. 7 T. *Paris*, 1840–'43.

Journal des fabricants de papier. (Monthly; then semi-monthly.) 26 T. *Arlon*, 1854–'82—.

Journal des inventeurs. (Semi-monthly.) 5 T. *Anvers*, 1876–'81.

Journal für Buchdruckerkunst. (Weekly.) 32 Bde. *Braunschweig*, 1837–'82—.

Journal für Chemie und Physik. 69 Bde. *Nürnberg, Halle*, 1811–1833.

Journal für Gasbeleuchtung und verwandte Beleuchtungsarten sowie für Wasserversorgung. (Semi-monthly.) 2 Jahrge. *München*, 1881–'82.—

Journal für practische Chemie. 128 Bde. *Leipzig*, 1834–'82—.

Journal für technische Mittheilungen der Zuckerfabrikation. 1 B. *Braunschweig*, 1877–'78.‖

Journal of applied science, and record of progress in the industrial arts. (Monthly.) 3 v. *Lond.*, 1879–'82. ‖

PERIODICALS—continued.

Journal of commerce. (Weekly.) 2 v. *St. Louis*, 1878–'80. [Continued as Age of steel.]

Journal of comparative medicine and surgery. (Quarterly.) 3 v. *N. Y.*, 1880–'82—.

Journal of domestic appliances and sewing-machine gazette. (Monthly.) 2 v. *Lond.*, 1881–'82—.

Journal of gaslighting. (Weekly.) 39 v. *Lond.*, 1849–'82—.

Journal of materia medica. (Monthly). 4 v. *New Lebanon, N. Y.*, 1859–1862.‖

Journal of the American electrical society. (Monthly.) *Chicago*, 1877.‖

Journal of the Anthropological institute. (Quarterly.) 11 v. *Lond.*, 1871–'82—.

Journal of the Bath and West England society. (Quarterly.) 6 v. *Lond.*, 1859–'64.

Journal of the Chemical society. (Monthly.) 42 v. *Lond.*, 1849–'82—. *See* LONDON.

Journal of the Franklin institute. (Monthly.) 112 v. *Philadelphia*, 1826–'82—.

Journal of the iron and steel institute. (Semi-annual.) 10 v. *Lond.*, 1873–'82—.

Journal of the Photographic society. 15 v. *Lond.*, 1853–'76.‖ *See* LONDON.

Journal of the Royal agricultural society of England. (Semi-annual.) 43 v. *Lond.*, 1842–'82—. *See* LONDON.

Journal of the Society of arts. (Weekly.) 30 v. *Lond*, 1853–'82—. *See* LONDON.

Journal of the society of telegraph engineers and of electricians. (Monthly.) 10 v. *Lond.*, 1878–'82—.

Journal of the Statistical society. (Quarterly.) 45 v. *Lond.*, 1839–'82—. *See* LONDON.

Journal of the telegraph. (Monthly.) 6 v. *N. Y.*, 1877–'82—.

Journal télégraphique. (Monthly.) 1 v. *Berne*, 1882—.

Kansas City review. (Monthly.) 6 v. *Kansas City*, 1879–'82—. [v. 1 called "Western review."]

Kunst in Gewerbe. (Monthly.) 6 Bde. *Leipzig*, 1872–'78—.

Kunst- und Gewerbeblatt. 54 Bde. *München*, 1845–'68.‖ [Continued as Bayerisches Industrie- und Gewerbe-Blatt.] *See* MUNICH.

Landwirthschaftliche Versuchs-Stationen. (Bimonthly.) 27 Bde. *Dresden*, 1859–'82—.

Library journal. (Monthly.) 7 v. *N. Y.*, 1877–'82—.

Life-boat, or Journal of the national life-boat institution. 6 v. *Lond.*, 1877–'82—. [Incomplete.]

London-Edinburgh-Dublin philosophical magazine. (Monthly.) 98 v. *Lond.*, 1832–'82—.

London lancet. (Monthly.) 45 v. *Lond.*, 1829–52. Amer. ed. 16 v. *N. Y.*, 1867–'82—.

London quarterly review. (Amer. ed) 63 v. *N. Y.*, 1848–'82—.

Lumière (La). *Paris*, 1851–'61.‖ *See* **Collection.**

Lumière électrique. (Monthly.) 7 T. *Paris*, 1879–'82—.

Magic lantern. (Monthly.) 2 v. *Phila.*, 1878–'80.

Manufacturer and builder. (Monthly.) 14 v. *N. Y.*, 1869–'82—.

PERIODICALS—continued.

Manufacturers' review and industrial record. (Monthly.) 2 v. *N. Y.*, 1881-'82—.

Marine engineer. (Monthly.) 3 v. *Lond.*, 1879-'82—.

Maschinen-Constructeur. (Monthly.) 15 Bde. *Leipzig*, 1868-'82—.

Maschinenbauer. (Monthly.) 2 Jahrgo. *Leipzig*, 1881-'82—.

Mathematical monthly. 3 v. *Cambridge*, 1859-'61.‖

Mechanic. (Weekly.) 2 v. *Smithville*, 1880-'82—.

Mechanical world. (Weekly.) 3 v. *Manchester*, *Lond.*, 1881-'82—. [Continued from Dosign and work.]

Mechanics. (Weekly.) 2 v. *N. Y.*, 1882—.

Medical news. (Monthly, then weekly.) 19 v. *Phila.*, 1866-'82—. [v. 38-39 called Modical news and abstract. etc.] [Incomplete.]

Medical record. Weekly journal. 1 v. *N. Y.*, 1883—.

Medical register. (Monthly.) 1 v. *Phila.*, 1882—.

Mémoires de l'Académie de Montpellier. 9 T. *Montpellier*, 1855-'80—.

Mémoires de l'Académie des sciences, arts et belles-lettres de Dijon. 20 T. *Dijon*, 1852-'82—.

Mémoires de la Société d'agriculture de la Seine. 16 v. *Paris*, 1800-'13. *See* PARIS.

Mémoires de la Société des sciences de Bordeaux (Annual.) 9 T. *Bordeaux*, 1865-'83—.

Mémoires de la Société des sciences naturelles de Cherbourg. (Annual.) 24 T. *Cherbourg*, 1853-'81—.

Mémoires de la Société nationale et impériale d'agriculture, sciences et arts d'Angers. 21 T. *Angers*, 1831-'79—.

Mémoires de la Société royale d'agriculture. 49 T. *Paris*, 1817-'54.

Mémoires et compte rendu des travaux de la Société des ingénieurs civils. 30 T. *Paris*, 1848-'77.

Memoirs of the literary and philosophical society of Manchester. (Annual.) 13 v. *Lond.*, 1851-'78—. *See* MANCHESTER.

Memorie del Reale istituto Lombardo di scienze. (Annual.) 11 T. *Milano*, 1843-'73. *See* MILAN.

Memorie dell' Accademia delle scienze del Istituto di Bologna. (Annual.) 6 T. *Bologna*, 1868-'78—.

Métallurgie et la construction mécanique. (Weekly.) 2 Années. *Paris*, 1881-'82—.

Millers' gazette and corn trade journal. (Weekly.) 2 v. *Lond.*, 1881-'82—.

Millers' journal and flour and grain reporter. (Monthly.) 9 v. *N. Y.*, 1878-'82—.

Mining and scientific press. Journal. (Monthly.) 45 v. *San Francisco*, 1860-'82—.

Mining journal, railway and commercial gazette. (Weekly.) 6 v. *Lond.*, 1878-'82—.

Mining record. (Weekly.) 8 v. *N. Y.*, 1880-'82—.

Monde de la science et de l'industrie. (Semi-monthly.) 2e sér. 1 Année. *Paris*, 1883—.

Mondes (Les), revue hebdomadaire des sciences et de leurs applications aux arts et à l'industrie. 21 T. *Paris*, 1863-'69.

Moniteur de la photographie. (Monthly.) 21 T. *Paris*, 1863-'82—.

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Moniteur de la teinture. (Semimonthly.) 1 T. *Paris*, 1882—.

Moniteur des produits chimiques. (Semimonthly.) 1 Année. *Paris*, 1882—.

Moniteur industriel. "The continental engineer." (Weekly.) 2 T. *Paris*, 1881-82—.

Moniteur scientifique. (Monthly.) 2 T. *Paris*, 1881-'82—.

Monthly notices of the Royal Society of Tasmania. 9 v. *Hobart Town*, 1871-'80—. *See* HOBART TOWN.

Monthly reference lists of Providence public library. 2 v. *Providence*, 1881-'82—.

Musical herald. (Monthly.) 3 v. *Boston*, 1880-'82—.

National (The) car buildor. (Monthly.) 5 v. *N. Y.*, 1877-'82—.

National quarterly review. 4 v. *N. Y.*, 1877-'79.

National scientific journal. (Semimonthly.) 2 v. *Chicago*, 1881-'82.‖

Natural history review. 5 v. *Lond.*, 1861-'65.‖

Nature. (Weekly.) 25 v. *Lond.*, 1870-'82—.

Nature (La); revue des sciences, etc. (Weekly.) 2 Années. *Paris*, 1881-'82—.

Nautical gazette. (Weekly.) 1 v. *N. Y.*, 1883—.

Neue Zeitschrift für Rübenzucker.-Industrie. (Weekly.) 9 Bde. *Berlin*, 1878-'82—.

Neueste Erfindungen und Erfahrungen. (Monthly.) 9 Bde. *Regensburg*, 1874-'83—.

New idea. (Monthly.) 4 v. *Detroit*, 1879-'82—.

New remedies. (Monthly.) 7 v. *N. Y.*, 1876-'82—.

New York coachmakers' magazine. 11 v. *N. Y.*, 1859-'70.‖

Nineteenth century. (Monthly.) 11 v. *Lond.*, 1877-'82—.

North American review. (Quarterly, now monthly.) 135 v. *Boston*, 1815-'82—.

North British review. (Quarterly.) American ed. 41 v. *N. Y.*, 1850-'71.‖

Northwestern miller. (Weekly.) 4 v. *Minneapolis*, *Minn.*, 1881-'82—.

Notes and queries. (Weekly.) 67 v. *Lond.*, 1850-'82—.

Nouvelles annales d'agriculture. 8 T. *Paris*, 1859-'66.‖

Nova acta Regiæ societatis Upsaliensis. (Annual.) 8 v. *Upsala*, 1855-'73.‖ *See* UPSALA.

Official gazette of the United States Patent Office. (Weekly.) 22 v. *Washington*, 1872-'82—.

Ohio cultivator. 15 v. *Columbus*, 1845-'59.‖

Oil and drug news. (Weekly.) 3 v. *N. Y.*, 1881-'82—. [Continued as Oil and paint review.]

Oil and paint review. (Weekly.) 1 v. *N. Y.*, 1882-'83—. [Continued as Oil, paint, and drug reporter.]

Operator (The). (Weekly.) 13 v. *N. Y.*, 1875-'82—.

Ophthalmic review. (Monthly.) 1 v. *Lond.*, 1883—.

Organ für die Fortschritte des Eisenbahnwesens. (Monthly.) 37 Bde. *Wiesbaden*, 1846-'82—.

Paper makers' circular, and rag merchants' gazette and price current. (Monthly.) 2 v. *Lond.*, 1881-'82—.

PERIODICALS—continued.

Paper trade journal. (Weekly.) 4 v. *N. Y.*, 1878-'82—.

Paper world. (Monthly.) 5 v. *Holyoke, Mass.*, 1880-'82—.

Patent-Anwalt (Der). (Monthly.) 2 Bde. *Frankfurt*, 1879-'82—.

Penn monthly. 13 v. *Phila.*, 1870-'82.‖

Perry and co.'s price current. (Monthly.) 9 v. *Lond.*, 1869-'79.‖ [Incomplete.]

Petroleum age. (Monthly.) 2 v. *Bradford, Pa.*, 1881-'83—.

Philadelphia photographer. (Monthly.) 18 v. *Phila.*, 1864-'81—.

Philosophical transactions. Royal society. (Annual.) 11 v., abridged; 149 v, full. *Lond.*, 1705-'82—. *See* LONDON.

Photographic and fine art journal. 13 v. *N. Y.*, 1851-'60.‖

Photographic bulletin, Anthony's. (Monthly.) 13 v. *N. Y.*, 1871-'82—. *See* **Anthony's.**

Photographic news. (Weekly.) 26 v. *Lond.*, 1859-'82—.

Photographic notes. (Weekly.) 12 v. *Lond.*, 1856-'67.‖

Photographic times and American photographer. 12 v. *N. Y.*, 1871-'82.

Photographische Correspondenz. (Monthly, then semimonthly.) 11 Bde. *Wien*, 1871-'82—.

Photographische Mittheilungen. (Monthly.) 18 Bde. *Berlin*, 1865-'82—.

Photographische Monatshefte. 2 Bde. *Braunschweig*, 1862-'63.‖

Photographisches Journal. 22 Bde. *Leipzig*, 1854-'64.‖

Photographisches Wochenblatt. (Weekly.) 2 Jahrge. *Berlin*, 1881-'82—.

Picture and art trade. (Monthly.) 1 v. *Chicago*, 1883—.

Plumber and sanitary engineer. (Monthly.) 3 v. *N. Y.*, 1877-'80. [Continued as Sanitary engineer.]

Polytechnic review. (Weekly.) 3 v. *Phila.*, 1876-'77. [Consolidated with Engineering and mining journal.]

Polytechnische Zeitung. (Weekly.) 3 Bde. *Nürnberg*, 1839-'42.‖

Polytechnisches Centralblatt. 53 Bde. *Leipzig*, 1835-'75.‖

Polyteknisk Tidsskrift. (Monthly.) 12 arge. *Christiania*, 1870-'82—.

Popular science monthly. 21 v. *N. Y.*, 1872-'82—.

Popular science monthly supplement. 3 v. 1877-'78.‖

Popular science review. (Bimonthly.) 21 v. *Lond.*, 1862-'81.‖

Portefeuille économique des machines (Monthly.) 33 v. *Paris*, 1856-'82—.

Practical American. (Monthly.) v. 1. *N. Y.*, 1880-'81.

Practical magazine. (Monthly.) 7 v. *Lond.*, 1873-'77.‖

Practitioner. (Monthly.) 2 v. *Lond.*, 1880.‖

Printer's and lithographer's gazette. (Weekly.) 5 v. *N. Y.*, 1879-'82—. *See* **Woodcock.**

PERIODICALS—continued.

Printer's circular. (Monthly.) 3 v. *Phila.*, 1879-'82—.

Printer's register. (Monthly.) 3 v. *Lond.*, 1879-'82—.

Printing times and lithographer. (Monthly.) 8 v. *Lond.*, 1877-'82—.

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